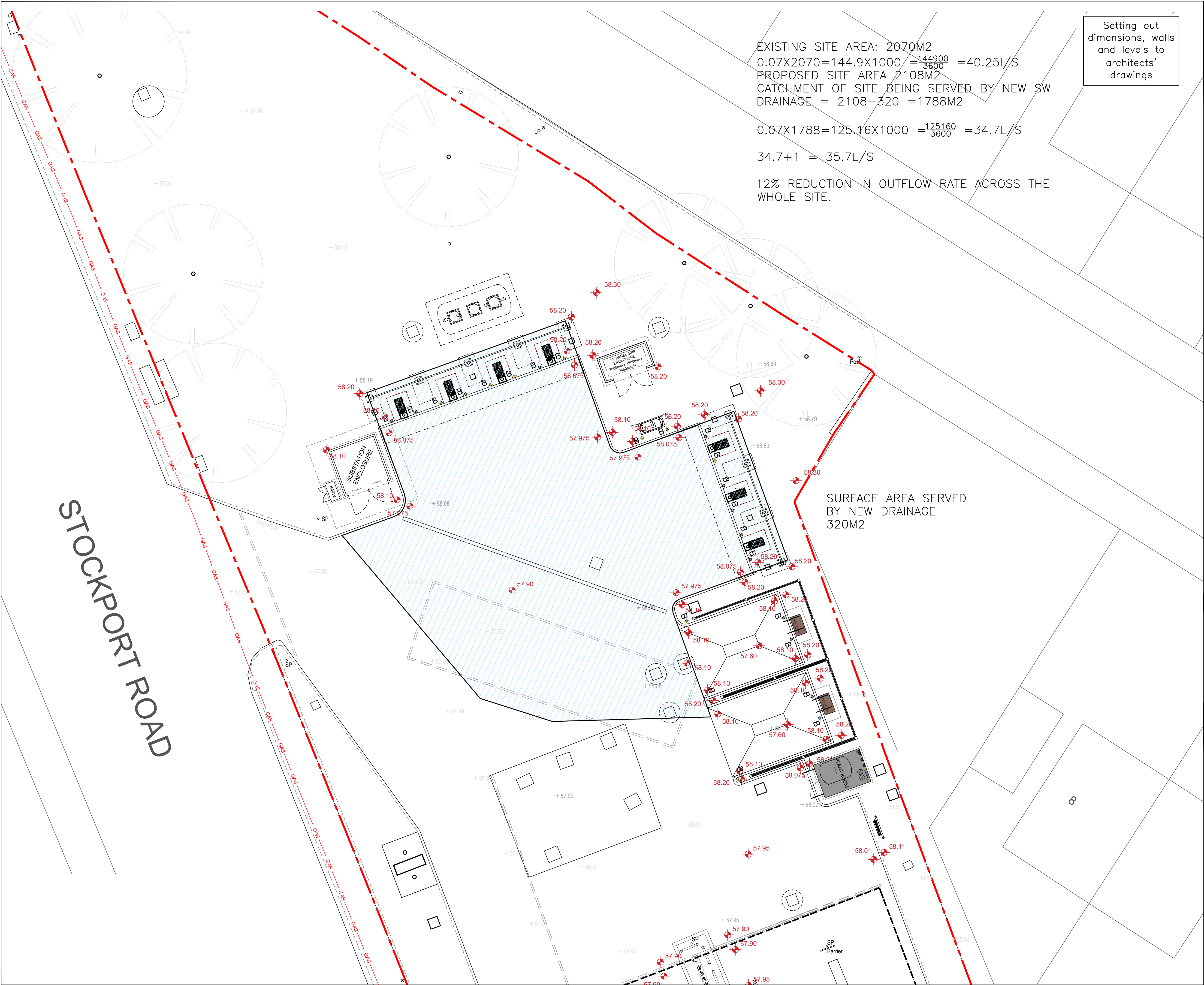




EXISTING SITE AREA: 2070M2
 $0.07 \times 2070 = 144.9 \times 1000 = \frac{144900}{3600} = 40.25 \text{ L/S}$
PROPOSED SITE AREA 2108M2
CATCHMENT OF SITE BEING SERVED BY NEW SW DRAINAGE = 2108-320 = 1788M2

$0.07 \times 1788 = 125.16 \times 1000 = \frac{125160}{3600} = 34.7 \text{ L/S}$
 $34.7 + 1 = 35.7 \text{ L/S}$

12% REDUCTION IN OUTFLOW RATE ACROSS THE WHOLE SITE.

Setting out
dimensions, walls
and levels to
architects'
drawings

- GENERAL NOTES:
1. This drawing is copyright (C).
 2. This drawing is to be read in conjunction with all relevant drawings and specifications.
 3. This drawing shall not be scaled—use only figured dimensions. All dimensions are shown in millimetres and levels in metres above OS datum.
 4. Dimensions and conditions shall be verified on site. Any discrepancies between this drawing and site conditions shall be brought to the attention of the Engineer for resolution prior to placing orders or construction.
 5. All work shall comply with the Building Regulations and the requirements of the Local Authority, current Codes of practice and British Standards.
 6. Dimensions indicated thus:— *are to be confirmed on site.
 7. For remainder of notes see dra no.H****/**.
 8. Our design is based upon the assumptions: Existing brickwork is assumed to be 100mm 3.5N in 1:6 mortar. Existing brickwork to be 20.5N in 1:6 mortar. Existing timbers to be grade C16. Lintels assumed to exist over all existing openings. Wall ties assumed to be in good condition. Assumed minimum party wall thickness to be 225mm solid masonry wall construction.
 9. Waterproofing details shown are indicative only. Architect to confirm final details.
 10. Splice requirements to new steel beams to be allowed for by contractor as required. Splice design assumed responsibility of fabricator, unless specifically requested of S.Eng.
 11. All structural steelwork shall be to BS EN 10025 & BS EN 10210, Grade S355 unless noted otherwise. All beams to be CE marked.
 12. High risk of saturation and freezing (masonry most vulnerable is situated 150mm above and 150mm below finished ground level) durability classification to be a MX3.2, F2, S2 or S1*

- S—S—S— Existing Surface Water Drain
- S—S—S— New Surface Water Drain
- BSW—BSW— Existing Brown Water Drain
- BSW—BSW— New Brown Water Drain
- FW—FW— Existing Foul Water Drain
- FW—FW— New Foul Water Drain
- C—C— Existing Combined Water Drain
- C—C— New Combined Water Drain

+10.30 Indicates Existing Ground Level

+10.35 Indicates Proposed Ground Level

• Drain direction / diameter marked on plan

Exceedance routes

PRELIMINARY

Rev	Description	By	Date	Chk'd	Auth
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**MARKS
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Title
NEW DRAINAGE CATCHMENT AREA

Sheet Size	Original Scale	Designed/Drawn	Checked	Authorised
A1	1:100	Date 27.06.22	Date 27.06.22	Date 27.06.22
Status	Drawing Number	Rev		
P	H16000-03	-		